

ABSTRACT

An optical head enabling a size reduction so that the optical head can be stored in an opening of a cartridge for a disk and enabling an improvement in the dynamic performance as the density and transfer rate are increased is provided. In a two-axis actuator optical head capable of driving an objective lens (102) along the Z axis in the focus direction, that is, vertical to the surface of the optical disk and along the X axis in the tracking direction, that is, the radial direction of the optical disk. The objective lens (102) is disposed in the center of the coil bobbin (101), a focusing coil (103) is disposed around the coil bobbin (101) and is wound around the X axis, and tracking coils (104a and 104b) are disposed on both ends of the coil bobbin (101) in the X axis direction and are wound around the X axis. Pairs of magnets (107a to 107d) are disposed plane-symmetrically with the Z-Y plane including the Z axis aligned with the optical axis of the objective lens (102) and the Y axis and with the Z-X plane including the Z axis and the X axis.